

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, NORTHWEST REGIONAL OFFICE

Released: August 5, 2013
Week ending: August 4, 2013
Volume: 19 -13

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Weather: Most of the State experienced lower than normal temperatures and lower than normal precipitation. Many weather stations reported moisture but most measurements were well below normal. Freezing temperatures were reported by one of the South Central weather station. Temperatures ranged from highs in the mid-90's in Southern Oregon to low 70's along the Coast. Low temperatures ranged from the low 30's in South Central Oregon to upper 50's in the various eastern regions. Most regions of the state are still significantly behind the yearly average for rainfall. Several fires and areas of smoke were reported. Fortunately, the week brought cooler than average temperatures in much of that state which will help maintain soil moisture.

Field Crops: Harvest of grass and cereal grains wound down and mint harvest started in Linn County. Many areas of the state are plowing and prepping grass seed land. Wheat harvest wrapped up in many areas of the state. Spring wheat and barley progressed nicely during the week. Crook County reports more lodging in grain fields this year than previous years and some stripe rust in spring wheat. Some farm operators in Sherman County are waiting for barley to fully change color and mature before harvest. Harvests are progressing quickly due to mostly favorable harvest conditions and quickly maturing crops.

Fruits and Nuts: Reports of Spotted Wing Drosophila (SWD) varied throughout the state. Reports from Columbia County show more SWD in small fruit than previous years but reports from Lane County show less finds than previous years. Douglas County reports recent cooler weather pattern has allowed insect pests to rebound. Local traps have shown a rebound in codling moth, filbert worm, walnut husk fly, and Spotted Wing Drosophila catches. It seems that growers were prepared and control were applied. Gravenstein apples were ripe in Washington County and Bartlett pears were sizing nicely. Blueberry harvest is winding down. Blueberry fields in Washington County were being irrigated after mechanical harvest. Tart cherry harvest is wrapping up in Yamhill County. Hazelnuts look to be in good condition and sizing nicely Lane County. Misting rain may have caused some scab to summer apple. Cherry harvest is winding down in Hood River and pear orchardists prep for harvest in the lower valley. Many fruit crops were well ahead of normal.

Vegetables: Vegetables crops are maturing quickly. Columbia County reports early maturing sweet corn may cause unusual fluctuations in direct to market and processing shipments. Green bean harvest is underway in Linn County. Sweet corn, carrots, cabbage, cucumbers and many other varieties of vegetables are at markets in Washington County.

Livestock, Range and Pasture: Cattle reports show cattle doing well on supplemental feed. Range and pasture conditions have been reported as drought stressed and less favorable than previous years.

Soil Moisture - Week Ending 08/04/13

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	37	46	15	2
Subsoil	25	52	21	2

Crop Progress - Week Ending 08/04/13

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, second cutting	73	56	67	74
Alfalfa hay, third cutting	3	-	3	7
Winter wheat harvested	74	45	44	54
Barley harvested	49	13	21	39
Spring wheat harvested	63	42	29	42
Days suitable for fieldwork	6.6	6.9	6.9	6.8

Crop Condition - Week Ending 08/04/13

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	9	16	40	32	3
Spring wheat	3	21	42	32	2
Barley	3	10	30	51	6
Range and pasture	18	34	33	14	1

Western Oregon

Columbia: Another excellent week of weather. Irrigation was in full swing for crops that need it. There was more SWD in small fruits than previous years. Vegetable crops are maturing more quickly than the past few years which may lead to more peaks and valleys of sweet corn for processing and direct market than normal.

Lane: More spotted wing drosophila finds, but still low for the year. Brassica's are still bolting. Farmers are finding a lot of clubroot in Brassica plants. Gravenstein apples are ripe. Bartlett pears are sizing nicely. End in sight for blueberry harvest. Grass seed fields are being plowed and prepped. Hazelnuts are sizing really good and it looks like a lot of big nuts. Grapes are sizing nicely but powdery mildew still an issue. The misty rain on Thursday may cause scab on summer apples as it was warm and wet. Flea beetles and stripped cucumber beetles are out in high numbers. Weather conditions have been favorable for harvesting all crops in the Southern Willamette Valley. Grass seed harvest was nearly completed with reports of better than average yields on most varieties. Wheat harvest was nearing an end with reports of higher than average yields in most areas. Overall the dry conditions the region experienced in the spring have not had a negative effect on crop yields.

Linn: Harvest on grass and cereal grains was winding down. Mint harvest is starting. Green bean harvest is under way. Work on grass seed ground is in full swing.

Washington: Wheat harvest underway. Grass seed fields finished with field clipping done. Field corn is being irrigated and tassling. Red clover is nearing maturity. Blueberries, blackberries, strawberries and gooseberries harvested or headed that way. Operators are irrigating blueberries after mechanical harvest. Sweet corn at markets, carrots, cabbage, cucumbers and many other varieties of vegetables are at markets. Clean up at green houses; cover crops

irrigated. Pastures are showing stress from dry hot weather with no rain. Buffalo and cows are doing well on supplemental feed. Grapes are doing well and ahead of usual growth. High temperatures are 82 and low 50, no rain.

Yamhill: Tart cherry harvest was wrapping up. Peach harvest continues, with strong yields and good quality. Spraying for walnut husk fly continues.

Curry: A few cloudy days this week, with some light mist, but no measurable precipitation. Some light to moderate dew in the mornings, but not enough to extend the grazing season. All but the best sub-irrigated pastures are drying or dry.

Douglas: A cooler week created less stress on all crops and allowed growers a chance to recharge soils more efficiently due to less evaporative loss from high temperatures and strong winds. High temperatures during the previous few weeks have caused some quality loss to tree fruit due to leaf and fruit sunburn. The recent cooler weather pattern has allowed insect pests to rebound. Local traps have shown a rebound in codling moth, filbert worm, walnut husk fly, and Spotted Wing Drosophila catches. Growers have been alerted and controls applied. Wine grape, apple, pear, and late peach varieties are all well ahead of normal seasonal maturity levels. The wine grapes are about three weeks ahead of last year's crop and will see harvest begin in the middle of September. Pears and apples are about 7-10 days ahead of normal with all varieties.

Josephine: Overnight lows 44-56 Daytime 68-90. Extreme unhealthy conditions due to smoke from five area fires.. Seeing a lot of burn off on tops of native trees, oak ,maple ,ash, etc. Watering is main job. Harvesting of heat loving plants continues: tomatoes all sizes and shapes, summer squash, peppers of all kinds, eggplant.

Eastern Oregon

Baker: Baker experienced some scattered thundershowers.

Crook: Winter wheat about to be harvested. More wheat than normal lodged this year. There was some stripe rust in spring wheat. July was a good month for growing grapes. Range conditions are dry. It seems like it was a much warmer than normal July. The last two weeks of July were in the 90's and irrigation systems were put to the test. There was virtually little to no precipitation in July. Portions of Deschutes had a little more (but still very little) than did Crook or Jefferson counties.

Hood River: Seasonable weather conditions prevailed through the week with moderate temperatures and no precipitation. Cherry harvest wound down in the upper Hood River Valley. Pear growers prepared for summer pear harvest in the lower valley and routine summer orchard operations continued throughout the valley.

Klamath: Grain harvest is under way. Second cutting was being wrapped up. Crops continue to grow. Drought conditions continue. Some frost reported during the week. A system brought a little moisture through the area, but the amount was almost too small to mention, but any precipitation is appreciated.

Lake: No precipitation this week. Grass hay harvest under way in the county.

Sherman: Harvest complete for many. Reports of average to slightly higher in Sherman, but average to slightly under in Wasco Co. Harvest is progressing quickly. Some waiting for spring barley to get the green out, but crop is looking good as spring rains definitely a benefit for barley. Camelina is cut but no yield reports available yet.

Weather data for selected stations in Oregon, Week ending: August 4, 2013 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria	52	68	60	0	73	-4	0.11	-0.10	2	77.09	11.64	118	188
Bandon ⁸	48	65	58	-2	58	-5	0.03	-0.09	1	54.52	-3.75	94	168
Crescent City	52	63	56	-4	43	-20	-	-0.13	-	49.50	-15.12	77	119
Florence	42	70	58	-3	57	-16	0.10	-0.10	2	65.75	-9.81	87	161
North Bend	48	66	58	-2	59	-11	-	-0.13	-	43.40	-19.31	69	131
Tillamook	52	70	62	3	83	20	0.04	-0.24	1	69.46	-17.93	79	170
WILLAMETTE VALLEY													
Aurora ⁸	50	91	68	2	124	5	-	-0.14	-	37.41	-2.93	93	151
Corvallis	46	90	66	-2	113	-6	-	-0.14	-	31.58	-10.53	75	148
Detroit Lake ⁸	49	92	68	5	125	27	0.01	-0.20	1	84.73	18.05	127	167
Eugene	46	92	66	-3	116	-10	-	-0.14	-	28.77	-19.82	59	123
Hillsboro	50	89	65	-2	107	-12	-	-0.15	-	33.42	-3.34	91	147
McMinnville	50	91	67	-1	117	-2	-	-0.09	-	30.90	-11.81	72	137
Portland	57	89	68	-2	128	-6	0.06	-0.08	1	36.67	1.24	103	143
Salem	50	92	68	0	127	6	-	-0.12	-	33.71	-4.93	87	138
SW VALLEYS													
Grants Pass	48	91	69	-4	135	-25	-	-0.07	-	29.39	-1.34	96	112
Medford	49	97	73	-2	162	-6	-	-0.07	-	16.83	-1.63	91	105
Roseburg	54	93	70	0	142	2	-	-0.07	-	26.62	-5.63	83	124
NORTH CENTRAL													
Condon	47	89	68	2	128	9	0.01	-0.13	1	10.93	-2.51	81	89
Echo ⁸	51	93	72	-2	157	-11	0.04	-0.03	2	8.31	-0.31	96	94
Heppner	49	89	68	-3	128	-12	0.05	-0.04	1	10.05	-3.26	76	79
Hermiston	55	93	73	-2	160	-8	0.04	-0.03	1	8.28	-0.34	96	79
Madras ⁸	44	90	66	-3	115	-11	-	-0.08	-	7.29	-2.66	73	86
Moro	45	88	68	-2	126	-7	-	-0.07	-	9.36	-1.36	87	80
Parkdale ⁸	43	91	66	-3	110	-16	-	-0.07	-	34.21	3.78	112	140
Pendleton	49	91	70	-5	139	-29	0.22	0.15	1	9.61	-1.96	83	87
Prairie City ⁸	44	90	66	-3	115	-11	-	-0.08	-	7.29	-2.66	73	86
The Dalles	55	96	74	8	172	46	-	-0.07	-	10.60	-1.50	88	75
SOUTH CENTRAL													
Agency Lake ⁸	33	86	61	-4	79	-19	0.05	-0.07	1	12.17	-3.43	78	77
Bend	45	85	65	0	105	7	0.11	0.01	1	7.99	-3.22	71	40
Burns	36	92	64	-4	99	-19	0.09	-0.05	1	7.40	-1.99	79	61
Christmas Valley ⁸	34	90	62	-9	82	-51	0.17	0.05	2	18.70	6.82	157	99
Klamath Falls	34	88	64	-6	98	-30	-	-0.12	-	8.07	-4.94	62	71
Klamath Falls ⁸	37	86	64	-6	97	-31	0.02	-0.10	2	8.62	-4.39	66	99
Lakeview ⁸	34	87	63	-6	89	-32	0.01	-0.06	1	10.49	-4.64	69	101
Lorella ⁸	30	87	61	-8	81	-47	-	-0.12	-	10.30	-2.71	79	91
Redmond	39	90	65	-3	105	-14	0.03	-0.07	1	5.81	-2.27	72	65
Worden ⁸	30	86	60	-9	72	-56	0.01	-0.11	1	9.33	-3.68	72	87
NORTHEAST													
Baker City	36	89	64	-5	99	-27	0.33	0.17	2	8.26	-1.78	82	90
Joseph	46	88	66	5	112	34	0.15	-0.06	1	14.03	-9.33	60	103
La Grande	39	90	67	-5	122	-24	0.05	-0.10	1	11.01	-5.63	66	91
Imbler ⁸	42	90	67	-1	122	-4	0.23	0.09	2	13.98	-8.78	61	126
SOUTHEAST													
Ontario	53	96	76	-2	181	-7	-	-0.07	-	5.63	-3.67	61	68
Rome	45	95	71	-2	152	-6	-	-0.07	-	4.70	-3.13	60	70

¹ Summary based on NWS data. Copyright 2013: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2012.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.